

AMENDMENTS

This listing of claims replaces all prior versions and listings of claims in the application.

IN THE CLAIMS

1. (CURRENTLY AMENDED) A process for the production of polyurethane di(meth)acrylates in which 1,6-hexane diisocyanate is reacted, without solvent and without subsequent purification operations, with a diol component and ~~hydroxy-C2-C4-alkyl (meth)acrylate~~ hydroxyethylacrylate or hydroxypropylacrylate, in the molar ratio $x : (x-1) : 2$, wherein x means any desired value from 2 to 5 and wherein the diol component is selected from the group consisting of combinations of
- 20 to 80 mol% hydrogenated bisphenol A with 80 to 20 mol% 1,10-decanediol,
 - 20 to 80 mol% hydrogenated bisphenol A with 80 to 20 mol% 1,6-hexanediol,
 - 60 to 90 mol% neopentyl glycol with 40 to 10 mol% 1,6-hexanediol,
 - and
 - three-component combinations comprising in each case 10 to 50 mol% 1,3-propanediol, 10 to 50 mol% 1,5-pentanediol and 10 to 50 mol% 1,6-hexanediol, wherein the mol percentages add up to 100 mol% in each of the combinations; and
- ~~further wherein the hydroxy-C2-C4-alkyl (meth)acrylate is selected from the group consisting of hydroxyethylacrylate and hydroxypropylacrylate.~~

- 2-3. (CANCELED)

4. (ORIGINAL) Polyurethane di(meth)acrylates produced using the process of claim 1.

5-6. (CANCELED)

7 (ORIGINAL) Powder coating compositions containing the polyurethane di(meth)acrylates produced according to the process of claim 1 as binder.

8-9. (CANCELED)

10. (ORIGINAL) A substrate coated with a layer of the powder coating composition according to claim 7.